



Structural, Electronic and Magnetic Properties of Low Dimensional Systems

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Message from the Guest Editor

Dear Colleagues,

Low-dimensional material systems with at least one of their dimensions in the nanometer scale exhibit unusual fundamental physical properties that are interesting for novel designs and revolutionary (multi)functional devices. Notably, nanoscale devices are already featuring in several emerging technologies such as spintronics, nanophotonics, nanoplasmonic, magnonics, flexible and transparent electronics, quantum computing, and other advanced applications.

This Special Issue is devoted to works on the structure, electronic and magnetic properties of low-dimensional systems including, both theoretical and experimental contributions, for fundamental and applicable advances based on knowledge of their physical properties. Fabrication and processing methods as well as characterization and performance evaluation of low-dimensional systems are encouraged topics. Numerical and computational approaches devoted to showing new challenges and providing insight into new means of the exploitation of low-dimensional systems of interest for academia and industry are also welcome.





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Message from the Editor-in-Chief

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